# The RARS EXCITER

Issue 238 January, 1990 Club Repeaters: 146.04/64 & 223.04/224.64

# Two 2,000 Foot TV Towers Fall; 3 Amateur Repeaters Destroyed

WB4TQD Photo

**$6M worth of scrap steel.** Most credible theory is following the ice storm here in Wake county, heated by the sun, huge blocks of ice started sliding down (and heavily stressing) the guy wires. When they fell free ... "twang"... the towers started swaying. With tons of ice still present on the structures, two inch dia. bolts started shearing off. Four inch dia. guy wires snapped. Steel "I" beams bent... Down they came. The 146.28/88, 147.27/87, and the 145.27/87 repeaters were totally destroyed. Nothing salvagable. None were insured. They still havn't found all the pieces -- and probably never will. **These repeater groups need our help. NOW!**

**The Raleigh Amateur Radio Society, Inc. (RARS)**, founded in 1969, has grown to be one of the premier radio clubs in North Carolina. Current membership exceeds 290.

The objectives of the club are to promote world wide friendship through Amateur Radio; to be of public service by providing radio communication in times of disaster, emergency, or civic need; to educate members in radio technique, and to assist in obtaining Amateur Radio licenses.

All persons interested in Amateur Radio, currently licensed or not, are eligible to apply for membership to the club.

Dues to the club are $10.00 per year (which runs from July 1 to June 30). Applications for membership may be obtained from any of the officers named below; from the newsletter editor, named on the facing column; or at any RARS Meeting.

Club meetings are held the first Wednesday of every month, 7:30 PM, at the Raleigh YMCA, 1601 Hillsborough St.

In addition to the many social and special events, the club sponsors a 2 m repeater, W4DW, on 146.04/64 MHz, and WA4PEN on 223.04 / 224.64 MHz. Both repeaters cover all of Raleigh, and most of the surrounding Wake County area. Auto-patch privileges are available on W4DW to duly licensed RARS members. Future plans call for additional repeaters on the 50, 146, and 450 MHz amateur bands.

**1990 Officers:**

| | |
|---|---|
| President: | Jim DuBreck, N4BYO<br>1209 Shelly Road<br>Raleigh, NC 27609<br>781-9437 |
| Vice President: | John Thomas, KK4JB<br>5228 Cedarwood Drive<br>Raleigh, NC 27609<br>782-1609 |
| Secretary: | Ronny Reams, WA4MJF<br>3509 Rolesville Road<br>Wendell, NC 27591<br>266-4434 |
| Treasurer: | Tim Buehlmann, N4IQA<br>1314 Chaney Rd.<br>Raleigh, NC 27606<br>851-7738 |

**The EXCITER** is published monthly by the Raleigh Amateur Radio Society, and is mailed at no cost to its members.

Letters to the Editor, technical articles, items of interest to the ham community and guest editorials are actively solicited.

Any article published in the EXCITER does not necessarily represent the views of, the Officers, Board of Directors, Editor, or Society Membership, nor does publication thereof represent concurrence by the Officers, Board of Directors, Editor, or Society membership with the contents of the article.

Articles will be printed at the discretion of the Editor, and no article will be published unless it is accompanied by the name(s) of the person(s) submitting the article.

All copy must be in the hands of the editor by the end of the Board of Director's meeting on the third Wednesday of each month. Articles submitted for publication may be hand or type written, an ASCII file on disk (IBM or APPLE format), transmitted electronically via telephone modem, or on the ham bands using RTTY or PACKET.

Ham related items for sale by the members will be advertised without charge for one issue, but may be re-submitted as often as desired. These ads must be non-commercial in nature.

Commercial ads will be run in return for the following donations to the club:

| | Single Issue | Full Year |
|---|---|---|
| Business Card | $5.00 | $25.00 |
| Quarter Page | $10.00 | $50.00 |
| Half Page | $20.00 | $100.00 |
| Full Page | $30.00 | $150.00 |

(Commercial ads must be of "camera-ready quality," and obviously can not be sent via ham bands.) Due to the reprographic process used, no color copy can be accepted.

Advertisers are guaranteed a minimum monthly mailing of 300 copies.

| | |
|---|---|
| Editor: | Vince Yakamavich, AA4MY<br>220 Carriage Trail<br>Raleigh, NC 27614<br>847-8512 (Home)<br>850-5390 (Office) |

SPECIAL SERVICE CLUB

Amateur Radio News Service

AMSAT

# WHAT GOES UP MUST COME DOWN

**by**
**wa9new**

We've all seen the dramatic pictures of the failure of the WPTF and WRAL towers on the morning of December 10. As one who knows many of the folks who work at the WRAL transmitter site, I can't say how thankful I am that no one was hurt by that disaster. It was with some surprise that I saw Ray, WD4BZG, who was on duty that Sunday morning, being interviewed shortly after the disaster. I'm sure glad Ray got out of there before that stick came down!

The news media has covered the event. WRAL had a lot of tenants on their tower. The collapse of that tower has presented a lot of problems to a lot of folks. The collapse of those towers presents a lot of problems to a lot of hams. The WRAL tower was the site of the 145.27 N4BEA repeater and the 146.88 WB4TQD repeater. The WPTF tower was the site of the very recently installed 147.27 AK4H repeater.

But the point of this article is to talk about the Piedmont Coastal Repeater Network. You see, in addition to the 146.88 machine, a 440 MHz repeater, the focal point of the PCRN in Eastern North Carolina, was also on that tower.

Now commercial folks like Durham Life, Capitol Broadcasting and Airborne Express, who are dependant upon the existence of such towers for their livelihood, had ought to have cranked in to their cost of doing business the cost of insurance to cover such losses. Folks like the Garner Police Department have their tax base to fall back on to recover losses if Town management hasn't made other arrangements. But who does the Johnston Amateur Radio Society, N4BEA or the Piedmont Coastal Repeater Network have to fall back on? You and me!

If you use the JARS or N4BEA repeaters, surely you'll be in touch with the sponsors of those repeaters and you'll offer your help. But even if you've never used the 146.88 repeater, never monitored the SERA NewsNet or the ARRL Section Net, never taken part in the Piedmont Coastal Traffic Net or Sky-Warn, could care less about the linked system which lets you talk all over the state, you ARE an Amateur Radio operator and YOU benefit from the communications capabilities of the PCRN.

YOU know that 146.88 is THE primary Amateur Radio Emergency Service communications facility for the State Emergency Operations Center. YOU know that it's the 146.88 repeater and the PCRN that meets the need when hurricanes rake the beaches, tornadoes take out Red Springs and Raleigh or a fire takes out telephones for a half million people. ALL of Amateur Radio benefits from the communications support provided by that system.

Danny, KM4OX (ex-K4ITL), Mike, WB4TQD, and the rest of the PCRN technical crew are scrambling and digging to start replacing the lost capabilities. It'll be awhile. Some limited linking capability may be available on the 147.15 repeater by the time you read this. A less capable 146.88 repeater may be on the air early next year. As capable a repeater as the old 146.88 may be available by year's end.

But none of this can happen without MONEY! A LOT of money!

If you've ever supported PCRN in the past, you may well receive a letter in the near future defining the current need. If you've not supported PCRN in the past, you might not get a letter. Let this be your notice. **PCRN needs YOUR help. NOW is the time.** My check's in the mail. Make yours out to PCRN and mail to:

**PCRN,**
**P.O. Box 12734,**
**Raleigh, NC 27605**

## New Members:

Let's extend a warm RARS welcome to 5 new members this month: **Debbie & Wayne Glosson**, a husband & wife couple, living in Moncure. Both are RARS class graduates, and are waiting for Tech class tickets. **Virginia Massey, N4JTR**, a Tech from Durham. **Greg Rogers, WA0UWS**, an Extra, calling Wake Forest home. **Bill Schmidt, N0FSD**, also an Extra, now living in Raleigh. We hope all of you will enjoy being a part of our fine fraternity.

Again, WELCOME!!

# Outgoing Officers: Thanks for Job Well Done!

The reins of RARS has changed hands ... President Jim, N4BYO, is now at the helm. Like the saying goes "... big shoes to fill."

Past President **Pete Thacher, N4HQZ**, did an outstanding job, and should be proud of the positive changes and events that took place within RARS during his 2 year tenure. The advent of the SIGs, 2 outstanding hamfests, a re-write of the By Laws, coordination with our landlords for the existing 2 meter repeater, as well as the 6 meter / 220 repeater site, and the phenomenal growth of our membership ranks. Those highlights might stand out to a casual observer. What might not be so evident was Pete's leadership style - his "no nonsense" approach to running RARS, and keeping us on an even keel today, while charting the paths for future years. Not everyone will agree with every decision that came out of the Board meetings, but one point is certain: Pete kept the general membership always in mind, and the well being of the club his top priority. An outstanding job, Pete. From all of RARS, "Thank you."

**Sue Meyer Parks, WB4USX**, as outgoing Secretary also should be commended. Five years in that office represents many, many hours of "invisible" work. Invisible perhaps to others who see only a smoothly running machine. But without those continuing efforts, the machine would shudder and lurch, and eventually come to a grinding halt. Her inputs to the Board during sometimes "heated" moments were always well thought out, and always highly regarded. Her personal timeliness, attention to detail, and thoughtfulness showed in the tasks she performed for RARS. "Thank you," Sue, for a many a job well done!

To the incoming officers, President Jim, DuBreck, N4BYO, and Secretary Ronny Reams, WA4MJF, we in RARS offer our encouragement and support.

With our membership, hard working committees and dedicated officers, RARS is bound to have another great year in 1990.

# RARS Congratulates:

**Randy Smith, N4UST**, and **lovely XYL Hattie**, on the birth of their first harmonic, a little girl, Sheridan Ashley, 8 lbs, on Dec. 13th. Randy's been wearing a pager for the past month, just waiting for "that one important call!" Came just in time for Christmas -- & a full year's IRS deduction too!! (Set aside a portion for a new radio, "for her", Randy!!)

Ex-RARS Novice/Tech Class grad & ex-member **Uzma Siddiqi, N4UNX**, recently contacted N4UOD, to say come Dec. 30, she'll be **tying the knot** with RARS member **K4ZAD's son**, Paul McKee. They'll be calling Baton Rouge, LA home, and look forward to being able to contact Raleigh on HF. We wish Uzma and Paul the best of luck!! (Ed. Note to K4ZAD: How'd your son escape getting his own call??)

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# New Calls:

AB4OZ's XYL, **Lynn Pitegoff** (fondly referred to as "the Hamster") is now **KC4NJB/KT**. Had her license for all of 2 days, and already Alan is complaining of not enough 2 meter rigs in the household! Let's hope Santa stopped at the radio store before visiting the Pitegoff home!!

**Ed Griest**, ex N4SWC, is now signing **KM4ZF**. Ed upgraded in Durham a couple three months back, and never told anyone. Shame - shame!! Congrats!! (Ed is doing the Monday nite code practice - TNX!)

**Michael Gingell,** ex N4VQP, is now signing **KN4BS**. Mike's been struggling with possible phonetics ... I dunno. I like "**KN**own **4** ... (the obvious)" (Sorry Mike, the devil made me do it!). Actually, it could have been a lot worse: one more letter, and you'd have a "double prosign" KN and BT. Talk about CW confusion!!

It's getting close to the time when the new calls from the Fall Novice/Tech class start coming in. Please folks, let your poor, tired Editor know when they arrive, and what they are!

# VHF/UHF SIG Report

The regular monthly meeting of the RARS VHF-UHF SIG was held on 14 DEC 89. In attendance were KB4EXL, WA4MJF, WA4LHE, KM4BU, WD4MYM, N4UOQ, KC4NJB, AB4OZ, AB4FY, KB2ACE, KB4LAF, N4VQN, N4SSU, KM4UT, N4SSS, KC4JJZ, KB4VYP, WA4PEN, W7KXB, K4SAN, W2EZS, WA1WXL, and Mark Thompson. A record, altho this was a combined meeting with the two meter repeater SIG.

Chairman WA4PEN opened with the recognition of new hams present: KC4NJB and Mark Thompson.

KC4NJB reported on the Operation Santa Claus.

KB2ACE is wanting to compile a list of those RARS members who have frequency agile FM six meter radios.

The 1 1/4 meter repeater is status quo in the words of WA4PEN. He has reduced the gain a bit on the front end. It is also reported that Rocky Mount amateurs are using our repeater thru a linking system.

The 70 cm repeater is up and running for a "smoke test" at WA4PEN's shack. Seems to be doing fine and we will move it to a temporary home at Dean Witter as soon as possible. WA4MJF to coordinate putting up an antenna for it.

The VIC controller has a little trouble, but KB4LAF says over all looks good!

WA1WXL reported that the required rack cabinets have been obtained.

We are looking for another (or more ) COMMODORE VIC-20S cheap!!!!

The meeting of the VHF SIG was finished and WA1WXL had his SIG meeting. After the repeater SIG concluded a prize drawing was held and KM4UT won a big variable condenser and WA4PEN won a nice ball cap with the ARRL emblem and the motto "From Spark To Space." These prizes were donated by KB2ACE and AB4FY.

The refreshments consisted of yellow sheet cake with chocolate icing and brownies.

The next meeting will be 11 JAN 90.

**HAVE A MERRY CHRISTMAS AND A HAPPY NEW YEAR!!!!!!**

73 de SHERRY KB4EXL

# From the Editor's Desk:

A couple thoughts I'd like to pass along...

This issue starts the third year I have served as editor.

I'd like to start the new year by recognizing all those members who have contributed material to me for the EXCITER: Sherman, W4TZU; Bruce, WA9NEW; Steve, AB4EL; Bert, W4FMN; Bruce, N4UOD; Marty, NY4H; Pete, W8DTD; Matt, KB2ACE; Pete, N4HQZ; Jim, N4BYO; Ronnie, WA4MJF; Sherry, KB4EXL; Edward, N4SSU; Jim, K4ABJ; Tim, N4IQA; Sue, WB4USX; Dave, AB4LR; Chris, N4PNO; Walter, KM4BU; James, KA5IEC; Anita, KC4AQB; Janet, N4WPX; Paul, K9PM; Steve, N4TQO; Paul, WB4YBF; Rolf, K8SL; Randy, N4UST; Ron, AA4VK; Ken, AB4RQ; Walter, AB4DQ; Ed, WA4PEN; Chet, KB4LAF; Alan, AB4OZ; Lynn, KC4NJB; Chuck, K4HF; & John, KK4JB. If I've left anyone out, please let it be known that YOU TOO SUPPORTED THE EXICTER!!

The input provided by these folks has (a) contributed greatly to the enjoyment of all who read the EXCITER, and (b) made my job that much easier. **Thanks to ALL!** -- (You folks will continue, yes?! Now, how about the rest of you 300 members?? How about sharing some thoughts with us??)

This issue contains the current roster. We try to keep things current, but invariably, we miss call changes, upgrades, address changes, and the like. If there is an error in your listing, let the Editor know. If your friend's name is missing -- better check with Treasurer Tim!!

Lastly, my appologies this month for not being able to print everything that was submitted! With seven pages devoted to the roster (we do that twice a year), well, there's only so much room!! We'll get it next month!

**Hope everybody had a Merry Christmas, and Best wishes for a happy and prosperous New Year!**

*73, Vince, AA4MY*

# 1990 RARS Officers:

| | | | Home | Office |
|---|---|---|---|---|
| President | Jim DuBreck | N4BYO | 781-9437 | 481-8509 |
| Vice-President | John Thomas | KK4JB | 782-1609 | 543-2400 |
| Secretary | Ronnie Reams | WA4MJF | 266-4434 | 733-4430 |
| Treasurer | Tim Buehlmann | N4IQA | 851-7738 | 254-2351 |
| ARRL Liason | Chuck Littlewood | K4HF | 872-6555 | 992-5851 |
| Past President | Pete Thacher | N4HQZ | 876-4073 | 833-1230 |

## COMMITTEE / ACTIVITY CONTACT PERSONS

| | | | | |
|---|---|---|---|---|
| Newsletter Editor | Vince Yakamavich | AA4MY | 847-8512 | 850-5390 |
| Publicity | Chris Shackleford | KC4GRV | 528-3444 | 881-8222 |
| FM Committee | Jeff Parker | WA1WXL | 848-1208 | |
| Training | (presently vacant - contact N4BYO for training info) | | | |
| W4DW Trustee | Lynn Pendleton | K4NYV | 829-9449 | 546-6228 |
| Examiner Program | Vince Yakamavich | AA4MY | 847-8512 | 850-5390 |
| '90 Hamfest | Dave Williams | AB4LR | 834-2710 | 833-1230 |
| Special Events | Walter VanGieson | AB4DQ | 782-1424 | 782-1424 |
| 2 Meter Net | James Babcock | K4ABJ | 787-7816 | 787-7816 |
| 10 Meter Net | Paul Sims | WB4YBF | 772-8097 | 546-6736 |
| Public Service | Edward Breeden | N4SSU | 787-8874 | 782-4333 |
| Memb. Assistance | Rollin Ransom | NF4P | 269-4406 | 269-4406 |
| Field Day Co-Chair | Bob Keys | NA4G | 847-0069 | |
| Field Day Co-Chair | Tim Buehlmann | N4IQA | 851-7738 | 254-2351 |
| SIG Co-Ordinator | Ed Alderman | WA4PEN | 876-0340 | 876-0340 |
| Homebrew SIG | James Martin | KA5IEC | 781-6592 | 781-6592 |
| VHF / UHF SIG | Ronny Reams | WA4MJF | 266-4434 | 733-4430 |

# RARS Roster: January, 1990

## 297 Members -- Sort by Amateur Call Suffix

| Prefix | Suffix | Class | | | | | |
|---|---|---|---|---|---|---|---|
| - | - | - | Edward M. Alderman Jr. | - | 96 Hooper | Dedham, MA | 02026 |
| - | - | - | Eddie Clark | - | SR 1902 | Apex, NC | 27502 |
| - | - | - | Charles Everett | 772-6316 | 15 Brad Ct. | Apex, NC | 27502 |
| - | - | - | Ann Foltz | 781-2566 | PO Box 31531 | Raleigh, NC | 27622 |
| - | - | - | John J. Foltz | 781-2566 | PO Box 31531 | Raleigh, NC | 27622 |
| - | - | - | Vijay Kapil | 848-1536 | 8604 Brookdale Drive | Raleigh, NC | 27613 |
| - | - | - | Russell O. Lyday Jr. | 787-4137 | 4739 Rembert Dr | Raleigh, NC | 27612 |
| - | - | - | Alex Macklin | 467-8516 | 620 Country Ln. | Cary, NC | 27513 |
| - | - | - | Sidney McAlister | 362-6137 | 2620 Sweetgum Drive | Apex, NC | 27502 |
| - | - | - | Doris Plaks | 876-4192 | 1205 Country Ridge Rd. | Raleigh, NC | 27609 |
| - | - | - | Moffett H. Spencer | 599-4513 | 211 West Barden St. | Roxboro, NC | 27573 |
| - | - | - | Kevin J. Tremblay | 553-3549 | 2009 Spring Valley Dr. | Clayton, NC | 27520 |
| - | - | - | Joseph B. Watkins | 772-5452 | 501 Locust Ln. | Raleigh, NC | 27603 |
| - | - | - | Elizabeth Williams | 834-2710 | 4008 Live Oak Rd. | Raleigh, NC | 27604 |
| KC4 | ??? | T | Debbie B. Glosson | 542-4267 | Rt. 1 -- Box 950 | Moncure, NC | 27559 |
| KC4 | ??? | T | Mark A. Thompson | 266-0606 | 1029 Harvest Mill Ct. | Raleigh, NC | 27610 |
| KC4 | ??? | N | Roger Woodbury | 829-6470 | 900 Dogwood Ln. | Raleigh, NC | 27607 |
| N4 | ??? | T | Steve Bunn | 553-6854 | 305 Deerfield Dr. | Clayton, NC | 27520 |
| N4 | ??? | T | William B. Davison | 460-8709 | 102 Collier Pl. Apt. 1-A | Cary, NC | 27513 |
| N4 | ??? | T | Wayne Glosson | 542-4267 | Rt. 1 -- Box 950 | Moncure, NC | 27559 |
| N4 | ??? | T | Joseph McNellis | - | c/o Box 6 | Raleigh, NC | 27606 |
| N4 | ??? | T | Denise A. Sealy | 469-3264 | 425 Ralph Dr. | Cary, NC | 27511 |
| N4 | ??? | G | "Rick" Sumrall | - | 7023 Old Oak Ln. | Charlotte, NC | 28227 |
| K4 | ABJ | A | James Babcock | 787-7816 | 611 Vick Ave. | Raleigh, NC | 27612 |
| K8 | AC | E | Floyd Sense | 851-7546 | 6513 Deerview Dr. | Raleigh, NC | 27606 |
| W2 | AC | E | Harry Greenberg | 553-4309 | 2401 Covered Bridge Rd | Clayton, NC | 27520 |
| KB2 | ACE | G | Matt Reynolds | 848-3894 | 705 Radburn Pl. | Raleigh, NC | 27612 |
| WA4 | AFB | G | Alan Browne | - | 2401 Guilford | Baltimore, MD | 21218 |
| N4 | AFO | A | Benny Caudill | 787-5936 | 508 Emerson Dr | Raleigh, NC | 27609 |
| WD2 | AJJ | A | Anthony Palestino | 846-4056 | 6402 L The Lakes Drive | Raleigh, NC | 27609 |
| KN4 | AK | A | N. Lee Lewis | 870-1179 | 7005-D Woodbend Dr. | Raleigh, NC | 27615 |
| WA4 | AOO | E | Jim Bradley | 779-8840 | 8112 Deer Meadow Dr. | Apex, NC | 27502 |
| WA4 | APK | E | Ann Bradley | 779-8840 | 8112 Deer Meadow Dr. | Apex, NC | 27502 |
| KC4 | AQB | T | Anita Kellum | 846-7455 | 208 Chatterson Dr. | Raleigh, NC | 27615 |
| KC4 | AQC | T | Renard Della Fave | 787-8396 | 6021 Wintergreen Dr. | Raleigh, NC | 27609 |
| KB4 | AQH | G | Annette Rogers | 787-7486 | 5312 Kirkwood Ct. | Raleigh, NC | 27609 |
| K3 | AYS | G | James E. Fisher | 847-6033 | 11908 Coachmans Way | Raleigh, NC | 27614 |
| N1 | BA | E | Bill Ransier | 846-2692 | 8200 Hambledon Ct | Raleigh, NC | 27615 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| WB4 | BAH | T | Tim Kemp | 552-6015 | P.O. Box 775 | Fuquay Varina, NC | 27526 |
| W2 | BBN | G | William Brandberg | 833-9640 | 714 Glascock St | Raleigh, NC | 27604 |
| WD4 | BDO | A | H.E. "Butch" Starkey | 362-0628 | Route 5 Box 302 | Apex, NC | 27502 |
| KB7 | BLC | N | Dorothy C. Harris | - | (requested un-listed) | - | - |
| KI4 | BP | E | Wally Brame | 828-5088 | 912 N. Blount St | Raleigh, NC | 27604 |
| KN4 | BS | A | Michael Gingell | 847-4779 | 113 Trotters Ridge Rd | Raleigh, NC | 27614 |
| KM4 | BU | A | Walter Price | 481-3856 | 420 Oak Ridge | Cary, NC | 27511 |
| N4 | BYO | G | Jim DuBreck | 781-9437 | 1209 Shelly Rd. | Raleigh, NC | 27609 |
| WB4 | CCA | A | Bill Radford | 872-2000 | 3844 Marsh Creek Rd. | Raleigh, NC | 27604 |
| AB4 | CH | E | Michael Roebuck | 772-9051 | 2216 Regina Dr | Raleigh, NC | 27603 |
| K4 | CIA | E | William McDowell | 876-2686 | 3709 Huntleigh Dr. | Raleigh, NC | 27604 |
| N3 | CL | E | Bill Erreich | 847-2761 | 7208 Stonecliff Dr. | Raleigh, NC | 27614 |
| WA0 | CMO | A | Chuck Jurgens | 787-2020 | 4708 Wildwood St. | Raleigh, NC | 27612 |
| KC4 | COY | T | Gary D. Coates | 489-8593 | 2214 Prince St. | Durham, NC | 27707 |
| KC4 | CPC | N | Marlene Thomas | 782-1609 | 5228 Cedarwood Dr. | Raleigh, NC | 27609 |
| KC4 | CPD | T | Robert D. Wolk | 848-4812 | 6001 Clare Ct. | Raleigh, NC | 27609 |
| KC4 | CPH | T | Joseph T. Hayes III | 556-4208 | 110 Fairburn Ct. | Wake Forest, NC | 27587 |
| K4 | CQG | E | James K. Baucom | 834-6682 | 520 Mills Street | Raleigh, NC | 27608 |
| KC4 | CRT | T | Charles A. McDaniel | 787-5130 | 6400 Gainsborough Dr. | Raleigh, NC | 27612 |
| KC4 | CU | A | Steven Robertson | 781-7619 | 900 Currituck Dr. | Raleigh, NC | 27609 |
| KA3 | CVE | T | Dorthea Church | 967-6915 | 27 Fearington Post | Pittsboro, NC | 27312 |
| KA1 | DBY | T | James D. Bookout | 266-7166 | 401 Satterwhite Dr. | Knightdale, NC | 27545 |
| WB4 | DCM | A | Charles Swindell | 848-0410 | 6805 Perkins Dr | Raleigh, NC | 27612 |
| W4 | DHW | A | Lawrence Whitehurst | - | 175 Brooke Drive | Venetia, PA | 15367 |
| KA8 | DPN | A | Francis J. Reck | 552-7066 | 301 Mill Creek Drive | Fuquay Varina, NC | 27526 |
| AB4 | DQ | E | Walter Van Gieson | 782-1424 | 201 Walden Place | Raleigh, NC | 27609 |
| WB4 | DRJ | A | Lee Rogers | 787-7486 | 5312 Kirkwood Ct | Raleigh, NC | 27609 |
| K4 | DRT | G | Michael Stroupe | 787-6729 | 4716 Stonehill Street | Raleigh, NC | 27609 |
| W8 | DTD | A | Peter Bliss | 847-8704 | 8701 Kings Mill Pl | Raleigh, NC | 27614 |
| KC4 | DWR | T | Stephen F. Scarrow | 848-2445 | 7601 Falls Of Neuse Rd | Raleigh, NC | 27615 |
| KA2 | EAP | N | Barry A. Kesner | 781-4062 | 2100-332 Paces Forest | Raleigh, NC | 27612 |
| N4 | ECU | G | Fred Brack | 847-7268 | 500 Emerywood Dr | Raleigh, NC | 27615 |
| KK4 | EF | A | Kerry Snyder | 859-9587 | 5105 Fort Sumter Rd | Raleigh, NC | 27606 |
| AB4 | EL | E | Stephen A. Modena | 737-2246 | 19 Dixie Trail | Raleigh, NC | 27607 |
| WA4 | ENZ | A | Joseph Homovec | 787-2150 | 4135 Rockingham St. | Raleigh, NC | 27609 |
| KC4 | EOG | G | Chris Lassiter | 737-6028 | PO Box 3780 | Raleigh, NC | 27607 |
| WB4 | EOV | G | William Feehan | 781-6575 | 4412 Yadkin Dr. | Raleigh, NC | 27609 |
| KM4 | EP | A | Jay Diepenbrock | 781-2682 | 4121 Stagwood Dr. | Raleigh, NC | 27612 |
| W3 | EPA | A | Harry Church | 967-6915 | 27 Fearington Post | Pittsboro, NC | 27312 |
| KB4 | EXL | T | Sherry L. Reams | 266-4434 | 3509 Rolesville Rd. | Wendell, NC | 27591 |
| KC4 | EYK | T | Carolyn C. Mayfield | 365-6291 | PO Box 1273 | Wendell, NC | 27591 |
| W3 | EZR | E | Roger Moates | 876-0691 | 3300 Barnesley Ln | Raleigh, NC | 27604 |
| WB4 | EZR | G | Phil Billings | 772-6502 | 911 Flanders St. | Garner, NC | 27529 |
| W2 | EZS | G | Paul Reynolds | 848-3894 | 705 Radburn Pl | Raleigh, NC | 27612 |
| KX4 | F | E | David Biggers | 847-6922 | 2016 Petworth Ct. | Raleigh, NC | 27615 |
| WK2 | F | E | Andrew Singer | 934-7979 | 10 Berkshire Pl | Smithfield, NC | 27577 |
| K4 | FAD | E | John Mentha | 846-0473 | 5124 Swisswood Dr | Raleigh, NC | 27612 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| KC4 | FCC | T | Thomas Jeffries | - | P.O. BOX 69 | Henrietta, NC | 28076 |
| K4 | FEP | A | Melvin L. Harrod | 787-3004 | 3804 Pleasant Valley Rd. | Raleigh, NC | 27612 |
| WA3 | FHM | G | William F. Medlock | 783-5683 | 2429 F Wesvill Ct. | Raleigh, NC | 27607 |
| K3 | FKI | T | Jerry Silverstein | 787-4353 | 4822 North Hills Dr. | Raleigh, NC | 27612 |
| W4 | FMN | E | Bert Bailey | 787-1643 | 701 Currituck Rd | Raleigh, NC | 27609 |
| K4 | FMW | G | Robert Browning | 851-5567 | 3910 Wendy Ln. | Raleigh, NC | 27606 |
| W4 | FNB | A | William Hales | 782-2522 | 3209 Dell Dr. | Raleigh, NC | 27609 |
| W4 | FTK | A | Glenn S. Guthrie | 851-4861 | 1308 Chaney Rd. | Raleigh, NC | 27606 |
| AB4 | FY | E | Robert Ingraham | 848-1382 | 6808 Jean Dr. | Raleigh, NC | 27612 |
| KN4 | G | E | Norman Plaks | 876-4192 | 1205 Country Ridge | Raleigh, NC | 27609 |
| NA4 | G | E | Robert D. Keys | 847-0069 | 7604 Mine Shaft Rd. | Raleigh, NC | 27615 |
| N5 | GCZ | T | Paul Forehand | 779-0559 | 7504 Trudy Ln. | Garner, NC | 27529 |
| KC4 | GFR | T | Randy Stegall | 833-4737 | 1319 Curfman St. | Raleigh, NC | 27603 |
| K4 | GHJ | G | Donn Dieter | 782-5776 | 4809 Radcliff Rd | Raleigh, NC | 27609 |
| W2 | GHK | E | Stuart Meyer | - | 2417 Newton St | Vienna, VA | 22180 |
| WA4 | GIR | E | Joe White | 481-2874 | 102 B Anderson Ct. | Cary, NC | 27511 |
| KC4 | GNM | N | Mike Rosenberg | 782-4309 | 4504 Cobler Place | Raleigh, NC | 27613 |
| N4 | GNN | E | Clay Croom | 266-9627 | 3200 Seattle Ct. | Wake Forest, NC | 27587 |
| K4 | GOE | A | Al Mullis | 850-0640 | 7001 Rainwater Rd. | Raleigh, NC | 27615 |
| KC4 | GRV | A | Chris Shackleford | 781-7033 | Rt. 2, Box 294-HH | Creedmore, NC | 27522 |
| N9 | GXF | ? | Wayne Schulz | 266-1560 | 1012 Laurens Way | Knightdale, NC | 27545 |
| KE4 | GY | A | Frank H. Moore | 929-6163 | 113 Robin Rd. | Chapel Hill, NC | 27516 |
| NY4 | H | E | Marty Silver | 787-9882 | 3118 Eton Rd | Raleigh, NC | 27608 |
| K4 | HCG | G | Jim Wisdom | 782-4098 | 3308 Cobblestone Ct | Raleigh, NC | 27607 |
| K4 | HF | E | Chuck Littlewood | 872-6555 | 2005 Quail Ridge Rd. | Raleigh, NC | 27609 |
| K4 | HJJ | G | Ray Blackwell | 787-3050 | 1302 Dogwood Ln | Raleigh, NC | 27607 |
| K4 | HJK | G | Father McDermott | - | RFD 1, Box 50-D | Glasgow, VA | 24555 |
| N2 | HJK | A | Paul Allikas | 870-1631 | 10500 Leafwoood Pl | Raleigh, NC | 27612 |
| K4 | HKQ | G | Robert M. Teague | 781-9699 | 2900 Glen Burnie | Raleigh, NC | 27607 |
| N4 | HON | E | Frances W. Croom | 266-9627 | 3200 Seattle Ct. | Wake Forest, NC | 27587 |
| N4 | HQZ | A | Pete Thacher | 876-4073 | 1108 Steinbeck Dr | Raleigh, NC | 27609 |
| WD4 | HSI | G | C.T. West | 834-5420 | 1611 Craig St. | Raleigh, NC | 27608 |
| W3 | HXM | G | Finn Dahlin | 878-7959 | 6000 Johnsdale Rd. | Raleigh, NC | 27615 |
| KB4 | HYF | T | Terry Raiter | 782-1233 | 3708 Oak Park Rd | Raleigh, NC | 27612 |
| KC4 | HYI | T | Patricia Coates | 489-5514 | 2214 Prince Street | Durham, NC | 27703 |
| W1 | HZQ | E | Coleman Thacher | 781-1532 | 417 Myrtlewood Ct. | Raleigh, NC | 27609 |
| KA5 | IEC | A | James T. Martin | 781-6592 | 4100 Duraleigh Rd. | Raleigh, NC | 27612 |
| K2 | IMO | G | Howard L. Klino | 876-9194 | 1613 Dartmore Dr., #2 | Wilson, NC | 27893 |
| WB4 | INM | A | Dianne Courtney | 362-7037 | 6933 Wade Drive | Apex, NC | 27502 |
| KC4 | ION | N | Joshua Ellis | 266-3624 | Rt. 2 -- Box 346 | Wendell, NC | 27591 |
| KM4 | IQ | A | Dave Farley | 929-9665 | 106 Warren Way | Chapel Hill, NC | 27516 |
| N4 | IQA | A | Tim Buehlmann | 851-7738 | 1314 Chaney Rd. | Raleigh, NC | 27606 |
| W2 | IRC | G | Willard McCune | 781-3190 | 5401 Oldtowne Rd. | Raleigh, NC | 27612 |
| K4 | IWX | G | Carl H. Rice | 834-5321 | 1807 Rankin St. | Raleigh, NC | 27604 |
| N4 | IZE | G | Thomas Swanson | 782-0791 | 5729 Wintergreen Dr | Raleigh, NC | 27609 |
| KK4 | JB | E | John Thomas | 782-1609 | 5228 Cedarwood Dr. | Raleigh, NC | 27609 |
| W4 | JG | A | Jesse Hodges | 833-0229 | 310 Pogue St. | Raleigh, NC | 27607 |

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|---|---|---|---|---|---|---|---|
| KC4 | JJZ | G | Steven F. Clary | 266-3115 | 2125 Davistown Rd. | Wendell, NC | 27591 |
| KA4 | JKA | G | Cecil Pearson | 772-8330 | Rt. 1 Box 236-1 | Apex, NC | 27502 |
| N4 | JTR | T | Virginia L. Massey | - | Meriweather Drive | Durham, NC | - |
| W4 | JUG | A | Jim Johnson | 833-9189 | 815 Coleman Street | Raleigh, NC | 27610 |
| N1 | JW | E | Alexander Meleg Jr. | - | 224 Oak Street | East Hartford, CT | 06118 |
| WA4 | JWE | G | Sonny Kellum | 846-7455 | 208 Chatterson Dr. | Raleigh, NC | 27615 |
| N4 | KDD | G | Roger Brower | 821-3991 | 411 W. Morgan St. | Raleigh, NC | 27603 |
| KC4 | KHN | T | Doug Britt | 772-8799 | 2208 Aversboro Rd. | Garner, NC | 27529 |
| KC4 | KIC | T | Sam Johnson | 787-0603 | Box 31067 | Raleigh, NC | 27622 |
| K4 | KTM | E | Richard Ward | 881-0263 | 5101 Knaresborough Rd. | Raleigh, NC | 27615 |
| W7 | KXB | E | William L. Harris | - | (requested un-listed) | - | - |
| N4 | KXV | T | Ray Craig | 848-9190 | 6117 Valley Estates Dr | Raleigh, NC | 27615 |
| KB4 | LAF | E | Chet Rataski | 847-1122 | 9600 Barton Creek | Raleigh, NC | 27615 |
| KM4 | LB | A | Thomas Klimala | 469-5129 | 1545 Seabrook Ave. | Cary, NC | 27511 |
| N4 | LBA | T | Richard Brown | 553-5839 | 2020 Spring Valley Dr. | Clayton, NC | 27520 |
| WD4 | LCL | T | Eric Goldberg | 847-1350 | 7901 Audubon Dr. | Raleigh, NC | 27609 |
| KB4 | LEN | T | Lyman McLean | 438-7002 | 806 Hargrove St. | Henderson, NC | 27536 |
| WA4 | LHE | A | Arnold Glenn Clary | 266-3115 | 2125 Davistown Rd. | Wendell, NC | 27591 |
| N4 | LK | E | John J. Carey | - | 10008 Sycamore Rd. | Durham, NC | 27703 |
| W6 | LPQ | A | Jim Paul | 847-5842 | 2212 Countrywood Rd. | Raleigh, NC | 27615 |
| N4 | LQR | T | Paul Smith | 772-0960 | Box 1281 | Garner, NC | 27529 |
| AB4 | LR | E | Dave Williams | 834-2710 | 4008 Live Oak Rd. | Raleigh, NC | 27604 |
| KB7 | LX | A | William R. Leach | 362-7427 | P.O. Box 1228 | Apex, NC | 27502 |
| K4 | LXV | A | Larry Young | 847-8558 | 8804 Weathersfield Ct. | Raleigh, NC | 27612 |
| K4 | MC | E | Bob Corns | 828-6005 | 1619 Oberlin Rd | Raleigh, NC | 27608 |
| KC4 | MHJ | G | "Lanny" Burks | 525-5355 | 1304 Tenth Ave. | Huntington, WV | 25701 |
| KC4 | MID | T | W. Durward Turner, Jr. | 438-2038 | 938 Hargrove St. | Henderson, NC | 27536 |
| WA4 | MJF | A | Ronnie Reams | 266-4434 | 3509 Rolesville Rd. | Wendell, NC | 27591 |
| W4 | MJN | A | Morton R. Shaw | 787-0916 | 5509 Lambshire | Raleigh, NC | 27612 |
| WD4 | MRD | G | Joe Henderson | 787-6624 | 2221 Coley Forest Pl. | Raleigh, NC | 27607 |
| KC4 | MWT | T | Brian Breton | 781-2415 | 4101 White Pine Dr. | Raleigh, NC | 27612 |
| AA4 | MY | E | Vince Yakamavich | 847-8512 | 220 Carriage Tr. | Raleigh, NC | 27614 |
| WD4 | MYM | T | Jim Cockrell | 266-2649 | 203 Hester | Knightdale, NC | 27545 |
| WA2 | MYZ | A | Edward L. Surmaitis | 362-9330 | 7000 Orchard Knoll Dr. | Apex, NC | 27502 |
| WD4 | MZZ | T | Joseph D. Ellis | 848-1141 | 6829 Laurdane Rd | Raleigh, NC | 27613 |
| WA9 | NEW | A | Bruce Eggers | 779-0266 | 1141 N. Spr. Garden | Raleigh, NC | 27603 |
| KC4 | NJB | T | Lynn Pitegoff | 787-1111 | 3632 Blue Ridge Rd. | Raleigh, NC | 27607 |
| KA4 | NSA | N | Alan Plaks | 876-4192 | 1205 Country Ridge Rd. | Raleigh, NC | 27609 |
| K4 | NYV | E | Lynn Pendleton | 829-9449 | 3617 Country Cove Ln. | Raleigh, NC | 27606 |
| KU3 | O | E | George A. Perkins | 460-0572 | 208 Dalmeny Dr. | Cary, NC | 27513 |
| N4 | ODA | A | Jim Mulligan | 779-1997 | 1403 Buckhorn Rd. | Garner, NC | 27529 |
| WD4 | ODT | A | John Swain Jr. | 787-5417 | 3420 Churchill Rd. | Raleigh, NC | 27607 |
| WA4 | OGK | T | Patrick M. Berry | 460-1051 | 307 Wyatt's Pond Ln. | Cary, NC | 27513 |
| N4 | OIC | G | Ardie C. Watkins | 772-7071 | 8516 Bells Lake Rd. | Apex, NC | 27502 |
| W8 | OJW | G | Alexander Meleg Sr. | - | 3817 Bellwood Dr Nw | Canton, OH | 44708 |
| KB4 | OKB | A | Dave Tuttle | 553-5224 | S Bend Mobile Home Pk | Clayton, NC | 27520 |
| WA4 | OLH | T | Virgil Q. Sealy | 469-3264 | 425 Ralph Dr. | Cary, NC | 27511 |

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|---|---|---|---|---|---|---|---|
| WA4 | OTA | A | Tom Alexander | 881-8262 | 3039 Wycliff Rd. | Raleigh, NC | 27607 |
| AB4 | OZ | E | Alan J. Pitegoff | 787-1111 | 3632 Blue Ridge Rd | Raleigh, NC | 27612 |
| N4 | OZL | T | John Callery | 833-3447 | 3621 Bond Street | Raleigh, NC | 27604 |
| WB4 | OZL | A | Ron McCann | 269-6076 | 2101 Herbert Drive | Zebulon, NC | 27597 |
| NF4 | P | E | Rollin Ransom | 269-4406 | 1421 Parks Village Rd. | Zebulon, NC | 27597 |
| WA4 | PEN | T | Ed Alderman | 876-0340 | 3101 Julian Dr. | Raleigh, NC | 27604 |
| K9 | PM | E | Paul Mueller | 851-4577 | 1810-101 Avent Ridge | Raleigh, NC | 27606 |
| N4 | PNO | T | Chris Hux | 859-3256 | 816 Merwin Rd. | Raleigh, NC | 27606 |
| N4 | PPN | T | Douglas C. Parker | 833-9682 | 1228 Somerset Rd. | Raleigh, NC | 27610 |
| N4 | PSJ | T | Dexter Joyner | 847-1359 | 9801 Honeycutt Rd. | Raleigh, NC | 27614 |
| K4 | PSP | G | Michael Falzone | 834-6581 | 1305 Wake Forest Rd. | Raleigh, NC | 27604 |
| WD4 | PZY | N | J. Bowie Gray, Jr. | 243-2397 | 1012 Tremont Rd. | Wilson, NC | 27893 |
| WB4 | QHA | G | Robert L. O'Neal | 556-0273 | 601 Tyler Run | Wake Forest, NC | 27587 |
| AB4 | QR | E | Ken Stroud | 823-5575 | Rt. 3 -- Box 9 | Tarboro, NC | 27886 |
| AB4 | QT | E | Robert Brunn | 469-3347 | 414 Oakridge Rd | Cary, NC | 27511 |
| AB4 | QU | E | Bill Strickler | 876-9280 | 3105 Crandon Ln. | Raleigh, NC | 27604 |
| KB4 | QVL | N | Bill Galler | 787-7756 | 2101 Nancy Ann Dr. | Raleigh, NC | 27607 |
| N4 | QWE | T | Kathie Mulligan | 779-1997 | 1403 Buckhorn Rd. | Garner, NC | 27529 |
| N4 | RGG | A | Heyward B. Grainger | 779-6847 | 604 Margie Helen Rd. | Raleigh, NC | 27603 |
| K4 | RKI | E | Glynn Furr | 467-8416 | 740 Landing Dr. | Cary, NC | 27511 |
| KB4 | RV | A | Kenneth J. Boggs | 787-1127 | 4333 Pickwick Dr. | Raleigh, NC | 27612 |
| KB4 | RW | A | Jack Williams | 872-7329 | 1000 Winona Rd. | Raleigh, NC | 27609 |
| N4 | RWZ | G | Rahul Patel | 469-3212 | 111 Coorsdale Dr. | Cary, NC | 27511 |
| KB4 | RZ | A | Richard Jackson | 787-1160 | 3347 Alamance Dr. | Raleigh, NC | 27609 |
| N4 | RZO | G | Warren B. Bell | 850-0515 | 7316 Massachusetts Ct. | Raleigh, NC | 27615 |
| NF4 | S | E | George Barner | 872-4495 | 7205 Stephen Boyd Ct. | Raleigh, NC | 27604 |
| K4 | SAN | A | David E. Thomas | 772-6338 | 17 Merrimac Dr | Apex, NC | 27502 |
| N4 | SDQ | T | Fran E. Beckett | 781-6592 | 4100 Duraleigh Rd. | Raleigh, NC | 27612 |
| N4 | SHD | T | Patrick A. Griffin | 839-5925 | 5016 High Grove Dr. | Raleigh, NC | 27610 |
| N4 | SHX | T | John H. Fish | 471-6894 | 1107 Wyldewood Rd. | Durham, NC | 27704 |
| WA4 | SKH | A | Ben Robinson | 848-7814 | 5717 Lakehaven Dr. | Raleigh, NC | 27612 |
| K8 | SL | E | Rolf Andersson | 848-4033 | 2836 Mattlyn Ct. | Raleigh, NC | 27613 |
| N4 | SMI | T | Aaron Sims | 772-8097 | 1804 Vandora Spring Rd | Garner, NC | 27529 |
| N4 | SOU | T | Sonny Perkins | 735-1862 | 111 S. Oleander Ave | Goldsboro, NC | 27538 |
| K3 | SPC | A | Joseph J. Snyder | 781-0225 | Box 17265 | Raleigh, NC | 27619 |
| WB2 | SPX | T | Raymond A. Soloman | 876-0364 | 1305 Hedgelawn Way | Raleigh, NC | 27615 |
| W6 | SRF | G | Raymond Tissot | 782-9681 | 4508 Embleton Dr. | Raleigh, NC | 27612 |
| WA2 | SRZ | E | Vincent Manoogian | 471-8792 | 901 Chalk Level Rd. C10 | Durham, NC | 27704 |
| N4 | SSN | T | Randall Mason | 833-0988 | 1010 Rock Dr. | Raleigh, NC | 27610 |
| N4 | SSO | T | Jean Robinson | 848-7814 | 5717 Lakehaven Dr. | Raleigh, NC | 27612 |
| N4 | SSS | T | Peggy Price | 481-3856 | 420 Oak Ridge | Cary, NC | 27511 |
| N4 | SST | G | Milton C. Blalock | 552-9490 | 903 Holland Rd. | Fuquay Varina, NC | 27526 |
| N4 | SSU | T | Edward V. Breeden III | 787-8874 | 1309 Westmoreland Dr. | Raleigh, NC | 27612 |
| N4 | SSX | A | Andy Blalock | 477-0664 | 3503 Duke Homestead | Durham, NC | 27704 |
| N4 | SVZ | T | Jim Wagner | 544-3339 | 5824 Shamrock Rd. | Durham, NC | 27713 |
| N4 | SW | E | Walt Short | 876-1166 | 5515 Castlebrook Dr. | Raleigh, NC | 27604 |
| N4 | SWB | T | Gilbert R. Chenery | 847-7918 | 1213 Carrington Dr. | Raleigh, NC | 27615 |

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|---|---|---|---|---|---|---|---|
| WA9 | SZL | G | Johnnie Mayfield | 365-6291 | 302 Poplar Box 1273 | Wendell, NC | 27591 |
| AB4 | T | E | Harry Avinger | 362-8870 | 1001 Smokewood Dr. | Apex, NC | 27502 |
| NO0 | T | E | Paul Sobon | 847-8830 | 4700 Fallswood Pl. | Raleigh, NC | 27612 |
| N4 | TDY | A | Charlie Fields Jr. | 848-8130 | 6524 Keystone Drive | Raleigh, NC | 27612 |
| AA4 | TE | E | Joel A. Walker | 467-6749 | 510 Madison Ave. | Cary, NC | 27513 |
| N4 | TED | G | Scott Kraus | 387-0196 | 1002 Wellstone Circle | Apex, NC | 27502 |
| N4 | TH | E | Donald S. Alderman | 781-0690 | 5301 Applegate Ct. | Raleigh, NC | 27609 |
| WA3 | TMR | E | Steve Lympany | 847-9456 | 7821 Breckon Way | Raleigh, NC | 27615 |
| WB4 | TNC | A | Charles O. Mays | 781-0553 | 5400 Belsay Dr. | Raleigh, NC | 27612 |
| N4 | TQO | E | Stephen F. Merchant | 556-8889 | 3329 Donner Trail | Wake Forest, NC | 27587 |
| WB7 | TXO | G | Joyce E. Yakamavich | 847-8512 | 220 Carriage Tr. | Raleigh, NC | 27614 |
| W4 | TZU | A | Sherman Starnes | 494-5169 | Rt. 1 Box 99 | Franklinton, NC | 27525 |
| N4 | UAQ | T | Doctor Aal-Anubia | 828-9922 | 2617 Ramsey Road | Raleigh, NC | 27604 |
| W2 | ULO | E | John F. Vargas | 850-9200 | 6009 River Landings Dr | Raleigh, NC | 27604 |
| N6 | UMI | G | Frederick J. Bailey | 471-9561 | 1702 Kirkwood Dr. | Durham, NC | 27705 |
| N4 | UNY | T | Ann McKenzie | 828-2888 | 461 Rose Ln. | Raleigh, NC | 27610 |
| N4 | UOC | T | Ernest M. Schnitz | 942-4575 | 526 Colony Woods Dr. | Chapel Hill, NC | 27514 |
| N4 | UOD | G | Bruce Chase | 781-0582 | 5408 Emerson Dr. | Raleigh, NC | 27609 |
| N4 | UOE | T | Pete Memolo | 365-3751 | 6276 Stag Trail | Wendell, NC | 27591 |
| N4 | UOF | T | Al Johnson | 469-1758 | 1247 Kimbolton Drive | Cary, NC | 27511 |
| N4 | UOQ | T | Breeden III, E. Noble | 787-8874 | 1309 Westmoreland Dr. | Raleigh, NC | 27612 |
| KI4 | UP | A | Gerald M. Hay | 846-8073 | 11924 Appaloosa Run | Raleigh, NC | 27612 |
| N4 | UST | T | Randy Smith | 839-0776 | 710 - A McCulloch St. | Raleigh, NC | 27603 |
| WB4 | USX | G | Sue Meyer Parks | 544-7952 | 3 Custer Circle | Durham, NC | 27713 |
| KM4 | UT | A | Michael Payne | 772-8726 | 5813 Heathill Ct. | Raleigh, NC | 27603 |
| N4 | UUT | G | Jan Avinger | 362-8870 | 1001 Smokewood Dr. | Apex, NC | 27502 |
| WA0 | UWS | E | Greg Rogers | - | 1929 Bud Smith Rd. | Wake Forest, NC | 27587 |
| N4 | VED | E | Oscar David Biddy Jr. | 832-2374 | 542 Granite St. | Raleigh, NC | 27603 |
| N4 | VEE | G | Frank Bridges | 552-4135 | 9820 Lake Wheeler Rd. | Fuquay Varina, NC | 27526 |
| N4 | VHU | T | Jeff Brown | 596-8951 | PO Box 11742 | Durham, NC | 27703 |
| AA4 | VK | E | Ron Oates | 847-3279 | 9908 Waterview Rd. | Raleigh, NC | 27609 |
| N4 | VQK | T | Kenneth Barnhouse | 821-1673 | 517 Gardner St. | Raleigh, NC | 27607 |
| N4 | VQL | G | "Chuck" Payne | 790-1068 | 4807-A Hollenden Drive | Raleigh, NC | 27604 |
| N4 | VQN | T | Bob Rinn | 847-6185 | 509 Brittany Bay | Raleigh, NC | 27614 |
| N4 | VQO | T | Kenneth White | 552-1861 | PO Box 1141 | Apex, NC | 27502 |
| N4 | VQT | T | Rick Yost | 848-7887 | 7204 St. Ledger Drive | Raleigh, NC | 27613 |
| N4 | VQV | T | Lisa Walker | 467-6749 | 510 Madison Ave | Cary, NC | 27513 |
| WA3 | VRU | T | Richard Sudkamp | 362-9682 | 6901 Orchard Knoll Dr. | Apex, NC | 27502 |
| WA4 | VSL | A | Glenn C. Lampley | 846-8210 | 2645 Ridgewell Ct | Raleigh, NC | 27613 |
| N4 | VUH | T | Virgil Hinds | 876-7613 | 3316 Comstock Rd. | Raleigh, NC | 27604 |
| N4 | VUI | G | Chris Gaither | 772-8525 | 5501 Meadowbrook Rd. | Raleigh, NC | 27603 |
| KB4 | VYP | T | Patrick Reams | 266-4434 | 3509 Rolesville Rd. | Wendell, NC | 27591 |
| KI4 | VZ | A | John W. Peterson | 839-8883 | 2813 Henslowe Drive | Raleigh, NC | 27603 |
| N4 | VZQ | G | Guy E. Hill | 772-4327 | 408 Lamesa Drive | Raleigh, NC | 27603 |
| KY4 | W | E | Frank Weiss | - | 17401 Spring Tree | Boca Raton, FL | 33431 |
| KA2 | WFM | G | Emily Will | 556-7414 | Box 58552 | Raleigh, NC | 27658 |
| N4 | WFV | ? | Craig W. Schulz | 266-1560 | 1012 Laurens Way | Knightdale, NC | 27545 |

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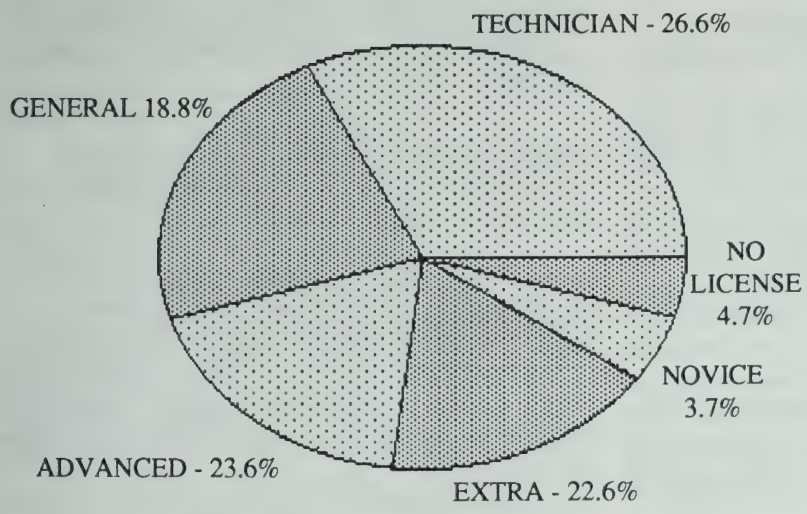
|---|---|---|---|---|---|---|---|
| N4 | WJM | E | Jim Smith | 846-0525 | 11017 Mason Ridge Dr. | Raleigh, NC | 27614 |
| N4 | WKK | A | Philip L. Martin | 781-5666 | 608 Macon Place | Raleigh, NC | 27609 |
| N4 | WPX | T | Janet Payne | 772-8726 | 5813 Heathill Ct. | Raleigh, NC | 27603 |
| N4 | WPZ | | Charles Cheek | 460-7314 | 1032-D Collier Place | Cary, NC | 27613 |
| N4 | WRR | G | Martin Gaither | 291-2940 | 3406 - #3 Jayne Ln. | Wilson, NC | 27893 |
| WA1 | WXL | T | Jeff Parker | 848-1208 | 7901 Twin Oaks Ct. | Raleigh, NC | 27609 |
| W4 | WYV | E | George S. Peacock | 876-0071 | 6604 Johnsdale Rd. | Raleigh, NC | 27615 |
| AA4 | XX | E | Paul T. Stroud | 779-1637 | 1318 Alderman Circle | Raleigh, NC | 27603 |
| WB4 | YBF | E | Paul R. Sims | 772-8097 | 1804 Vandora Spr. Rd. | Garner, NC | 27529 |
| W4 | YC | E | Ed Engebretson | 847-1030 | 1308 Hunting Ridge Rd. | Raleigh, NC | 27615 |
| KK4 | YM | A | David E. Meleg | 787-7456 | 5420 Old Towne Rd. | Raleigh, NC | 27612 |
| WA4 | YOM | A | Jim Peeler | 787-6036 | 3513 Leonard St. | Raleigh, NC | 27607 |
| KK4 | YP | A | Kirk Ellis | 965-9577 | Rt 1 - Box 18 Foxfire | Selma, NC | 27576 |
| WB9 | YZI | A | Peter Kraehenbuehl | 846-4082 | 6800 Woodmere Dr. | Raleigh, NC | 27612 |
| NU9 | Z | E | Scott W. Schulz | 266-1560 | 1012 Laurens Way | Knightdale, NC | 27545 |
| K4 | ZAD | A | Tom McKee | 851-2542 | 104 Water Leaf Ln | Cary, NC | 27511 |
| KM4 | ZF | A | Edward Griest | 847-0186 | 6901 Buckhead Dr. | Raleigh, NC | 27615 |
| KA4 | ZHG | N | Wade Stone | 851-5257 | 1315 Chaney Rd. | Raleigh, NC | 27606 |
| KM4 | ZJ | E | Steve Kastelberg | - | Rt. 1 -- Box 36-A | New Hill, NC | 27562 |
| KB4 | ZMB | T | "W.G." Davis | 269-4172 | PO Box 443 | Wendell, NC | 27591 |
| WB5 | ZPQ | A | Joe Saah | 779-5659 | 114 Village Ct. | Garner, NC | 27529 |
| WB4 | ZSM | G | Audrey Browne | 787-4299 | 4419 Gates St. | Raleigh, NC | 27609 |
| K4 | ZVK | G | Walt Chambers | 876-6306 | 4301 James Road | Raleigh, NC | 27604 |
| KA4 | ZZO | T | Corbett Blackman | 876-1798 | 5705 Dean Ave. | Raleigh, NC | 27604 |

## A LOOK AT RARS

**by License Class**




**Changes from July '89**

| | |
|---|---|
| No License: | +0.8% |
| Novice: | -0.3% |
| Tech: | -5.4% |
| General: | +0.8% |
| Advanced: | +0.6% |
| Extra: | +4.6% |

# VE REPORT

### Dec. 6 Session Results

Twenty two hams (and "wannabees") submitted to testing under the watchful eyes of the RARS VEs. Of the 22, 14 were successful in upgrading their licenses, while another 5 took home partial credit (CSCEs). Only three left empty handed -- but wiser for the experience.

**RARS congratulates:**

**Jim Smith, N4WJM**, now EXTRA
**Charlie Fields, N4TDY**, now Advanced
**Chris Shackleford, KC4GRV**, now Advanced
**Melvin Harrod, K4FEP**, now Advanced
**Lanny Burks, KC4MHJ**, now General
**Scott Kraus, N4TED**, now General
**Rick Sumrall**, N4???, now General
**Debbie Glosson**, KC4???, now Technician
**Mark Thompson**, KC4???, now Technician
**Michael Malpass**, now Technician
**Phil Nguyen**, now Technician
**Samuel Mitchell**, now Technician
**Ronald Olson**, now Technician
**Edward Ellis**, now Novice
**Sandy Thomas**, Element 3A
**Charles Soloman, KC4KGB**, Element 3B
**Rick Yost, N4VQT**, Element 3B
**John Callery, N4OZL**, Element 4A
**Michael McCormick, N4TCN**, Element 4B

RARS VEs were WA4GIR, WB4YBF, and NY4H on writtens; KB4LAF, AB4OZ, W4FMN, & K4FAD on code; AB4EL and AA4MY on sign in/out.

Another GREAT session, thanks to the efforts of all the VEs who gave up their evening so that others might enjoy the hobby a bit more.

(Personal opinion: Me thinks it's time the heirarchy of RARS re-think it's "door prize" rules for the meetings. VE's NEVER seem to win a door prize at the RARS meetings! Unlucky? Maybe a little. But I'll bet being next door WORKING when the prizes are awarded definately has something to do with it!!)

**********

### 1990: Exams now $4.95

As you know, the maximum price VECs can charge to recoup the costs of administering exams is tied by law to the cost of living. The US Department of Labor reported a 4.3% increase in the national cost of living last year, and BOTH VECs used by RARS (W5YI, and the ARRL) have adjusted their rates and advised that they will charge $4.95 per applicant for any session held in 1990 (except for Novice licenses -- they're still free).

**********

### RARS HAMFEST APPROACH-ETH

A change from years past, the **exams at the hamfest will be held from 11:00 AM till 4:00 PM**. No more pre crack-of-dawn set-ups! This will allow examinee & examiner alike to attend Saturday night's festivities and still get a decent night's sleep! (Not to mention make a pass at the fleamarket, early!)

Last year we almost ran into trouble with the number of VE's present -- quite a few of our VEs were doing other jobs at the hamfest. Please bear in mind that only certified VEs can administer exams. While the other jobs at the 'fest are certainly important, it doesn't take VE certification to do talk in, or security, or take tickets. PLEASE leave these jobs for the other 270 non VE certified members of RARS. We really need 12 VEs present, MINIMUM, to pull things off!!

**RARS VEs: Please plan to help at the hamfest exams!!**

**********

### Durham Exam Group Changes Location ; Needs VEs

I don't know if it's a permanent move or not, but the January 13th exams being held in Durham will NOT be in the VA hospital, but rather on the campus of Duke University. Room 211 Grey - "Old Divinity School Building." The Grey building, I'm told, is to the right of Duke Chapel, as you face the Chapel from the quadrangle.

If you're planning on attending, make sure you

call Pete, KY4Y, @ 544-3215 for pre-registration and/or any changes in exam location.

RARS VEs Note: KY4Y also sez he's still in need of at least 2 more ARRL CERTIFIED VEs to help at their sessions. If you have the proper credentials, and can spare a couple hours on a Saturday morning in Durham, give him a call. It would be a good way to keep your ARRL VE certification "active".

**Next RARS Exam:**
**Wednesday, Feb. 1, at the meeting!**

*73 de Vince, AA4MY*

# FCC ACTIONS

Rubin D. Ortiz, N5NEH, of Corpus Christi, TX has been fined $300 by the FCC for "... attempting to obtain an amateur service license by fraudulent means." Ortiz qualified for the General Class operator license on August 13, 1988 at a W5YI-VEC coordinated test session. Mr. Ortiz then submitted a new application for upgrade to the Advanced Class on June 19, 1989, with a falsified Certificate of Successful Completion of Examination (CSCE) attached. He claimed that he had passed Element 4(A) the previous August, but was issued a General Class operator license in error. The supporting CSCE was an altered photocopy of the original August 13th certificate. The falsified certificate indicated that Ortiz had passed the examination for Advanced, when in fact, he was never examined for it.

Richard Harrison, owner of COM-TEK, an electronics store in Manassas, VA was convicted of selling illegal CB linear amplifiers and non-type accepted CB transmitters on November 2nd.

FCC Engineers and US Marshalls seized an estimated $75,000 worth of illegal CB transceivers and linear amplifiers from Andy's Place (also known as A&M Wholesale Supply) in Pass Christian, Mississippi, on September 21st. Some of the CB amplifiers were capable of 2 KW out! Current regs limit CBs to 4 watts. Andrew H. McAdams, Jr. is now facing criminal prosecution headed by the Asst. US Attorney in Biloxi, MS.

November 6, 1989 -- US Marshalls and FCC Engineers raided a residence located at 1153 38th St., in the Borough Park section of Brooklyn NY and shut down an unlicensed FM station broadcasting on 91.9 MHz, using the fictitious call, "WJPL". This is the second raid of late where the US government used a new law allowing seizure of all equipment found. The FCC said they hope this sends a message to future would-be pirate broadcasters.

*Info From FCC Public Notice 11/9/89 via W5YI Report, 12/1/89*

# Six Meter Activities

### 73 Magazine Salutes NC Ham

In the December '89 Issue of 73 Magazine, in the article "Homing In" (transmitter hunting on 6), Wil Anderson, AA6DD and others in the Southern California Six Meter Club, got a thanks from 73 " ... for their technical assistance and for helping to promote T-hunting on 6 meters. Wil is from Tarboro, and RARS-ite WD4MYM, Jim, also belongs to the California club.

### AB4RQ Works California on 6!

It's almost impossible, but on 11/27/89, at 1640Z, I heard Wil, AA6DD/mobile 6 in QSO with the Northeast on 50.190 MHz. I gave him a call, and we both could not believe it was actually happening. For about 30 minutes signals from grid square FM15 to DM03 were 5-9 +20! We had been waiting and trying since June '89 to make the contact.

Wil was the first of 26 contacts I made during that short but oh-so-sweet 6 meter side band opening.

*Ken Stroud, AB4RQ - Tarboro*

(Ed. Note: Thanks Ken, for sharing that with us. How 'bout the rest of you RARS-ites out there? What's your favorite band / ham activity / greatest accomplishment??? Drop me a note. We'd all love to read about it in the EXCITER!)

# Homebrew SIG Report

The November meeting of the Homebrew SIG was at the home of N1BA, Bill Ransier. Bill gave an very informative talk on noise bridge theory, construction and operation. He demonstrated both homebrew and commercial units at his station.

The December meeting was held at the home of KM4BU & N4SSS. Walt ad Peggy Price were great hosts for our meeting/party. Lots of hot apple cider and snacks and great conversation.

The January meeting will be held Wednesday, Jan. 10th at the home of K4ZAD, Tom McKee. Tom will be giving a talk, although at press time it was not specified but will no doubt be interesting.

Tom's house is at 104 Water Leaf Lane in Cary. This is one block east of Kildaire Farm Road east of the lake. On Kildaire Farm Road (coming from Cary-Macedonia Rd.) you will see a Fonville Morrisey sales office on the left. Just past the sales office, turn left on Lochmere Drive and proceed over the dam. Turn left on Sommer Winds Drive which is the first left after the dam. Take the next left turn to Rustlewood which enters the Windsong subdivision. Turn right on East Wind Lane and left on Water Leaf Lane. Tom's number is 851-2542 and there will be talk in on 146.04/.64.

## RARS has a BBS!!

The telephone bulletin board system (BBS), sponsored by the Hoobebrew SIG, is for messages between RARS members and meeting announcements, etc. The system is not intended for program file exchange; this is to keep the system available for message/bulletin traffic.

Watch future issues of the Exciter for further announcements and system description.

The BBS number is 781-2530 and supports 300/1200 baud operation. If you have questions about the BBS call KA5IEC, James Martin, at 781-6592.

# Operation Santa a Success

This was the first year that RARS attempted to contact Kris Kringle via the 04/64 repeater.

Wednesday, Dec. 13, 7:00 PM, Santa's helpers Lynn Pittegoff, KC4NJB, and Pat Berry, WA4OGK, just happened to be in the pediatric ward of Wake Medical Center when contact was made.

A half dozen or so children, ages 4 thru 11 had the opportunity to talk to "Kris Kringle 4 Jingle Bells" (KK4JB, aka RARS VP John Thomas), and check to make sure that all the reindeer had been fed, and to reassure Kris that they had all been good -- after all, how "bad" can you be if you're a kid stuck in a hospital bed??

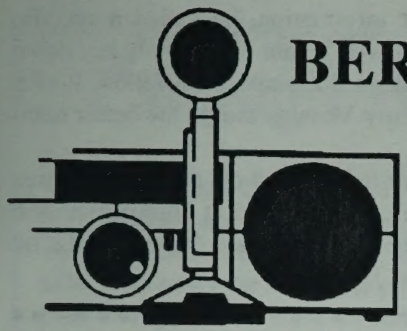
On a positive note, there weren't that many children on the floor; but there were several, who because of isolation, Santa's helpers couldn't visit. The helpers were required to wear face masks to visit one little one who could have visitors.

Due to a change in schedule, the originator of the RARS' Operation Santa idea, Anthony, WD2AJJ, couldn't be on hand to help. Lynn, KC4NJB picked up the ball, & worked out the arrangements with the officials at Wake Medical Center. With WA4PEN's assistance, she then checked to make sure they could hit the repeater from inside the hospital with only a HT, before the "sked" with KK4JB.

Lynn sez next year, a little more planning would help immensely, and perhaps multiple area hospitals could be visited if more RARS members participate.

(Ed. Comment: My congrats to KC4NJB, KK4JB, WA4OGK, & WA4PEN for making it happen. I'm told the smile on the kid's faces made it quite worth while.

At the risk of raising some ire within the ranks, my nomination for the "Bah Humbug" award were several members who ***had*** to use the repeater during the half our Operation Santa effort, for talk in to a Christmas party in Cary (where our repeater's coverage isn't too great anyway). I guess conditions on 146.52 were too rough in Cary for the local talk in...)



# BERT'S BEAT

*"Bert" Bailey, W4FMN*

******* Dick's Hill Run *******

Another crash project for RARS, -- this time the call was for help with a 10K and a 5K at Dorothea Dix Hospital. This was right after the big Ten Miler in mid-October. So here we went again. Luckily the ole RARS spirit prevailed and I got three stalwarts out on a Saturday morning with little notice, and all went well. Charles, the WB4DCM type, workhorse George, NF4S (whom I practically yanked out of bed to work the Ten Miler) and -- guess who??? Paul, WB4YBF, he also of Ten Miler fame.

And so we sallied forth. They had us in the shady side of the QTH and that was uncomfortable for a while but the sun soon peaked thru and we were warm again.

Yours truly had a notion to grab some of the hardware being put out, but, learning finally in old age that one must nurse foot injuries and NOT run 'em out as in days of yore. Tough to do when you know that you could be competing. With all the top help on hand, my rig was not required. Good thing, -- I blew the polarity protecting diodes enroute to the fray. Anyway, Charles acted as base station and Paul and George operated along the flanks. Times were called in and all went well.

The Dick's Hill gang putting on the runs sent me a nice TU letter and want us back again next year. So again, with willing, talented, spirited ops, RARS scored yet another success story with the runner set in Raleigh. All did outstanding work but I want to give the final amplifiers to George who really persevered through two straight short fuses. To all a well earned WELL DONE! And now lets see, when's the next one ... ???

**I got a problem, gang.**

What it is, -- I must locate ALL graduates of Wake Tech and ask them to fill out a questionnaire. Has to do with the accreditation process. This chore has been neglected for so long that many, many of the addresses I have been given on a beautiful flowing computer printout are woefully out of date. This is natural if major efforts by both students and administrators to keep such files current on almost monthly, weekly, daily (???) basis. Who what does my problem have to do with RARS and why am I using ham space for MY project? Well, here's the scoop. I figure lots of Wake's grads, at least among the electronics and computer curricula grads are working with or for some RARS members. And some are IN RARS. This is my rationale. So, how about it, all you grads, friends of grads, knowers of grads, et. al. Please let me know your mailing QTH so I can mail out questionnaires. Down the road a bit, we hope that a Wake Tech Alumni Association will provide a vfb way for old grads to assemble again, this time, not in a classroom but maybe over some cold 807s and enjoy sharing past experiences. I can't call you, so please call ME. Fone at Wake Tech is 772-0551. As a bonus maybe we can increase the rolls of the venerable RARS. Yea! Appreciate your indulgence. You are a great captive audience, er, readers. -73-

# US CALLBOOK: $500?!?!

Buckmaster Publishing has all 500,000 US radio amateurs available, searchable by call sign, name, address, city, state, zip code, or license class on a single CD-ROM (compact disc read only memory). A $499.95 package (postage & handling extra) includes the CD-ROM data disc, a Sony CDU-6100 external CD-ROM drive with interface card for IBM PC/AT type computers. If interested, call 1-800-282-5628. (Ed. Comment: And I thought the $30 for the paper back was outrageous!)

*W5YI Report*
*12/1/89*

# 'NEW LINE

*Bruce Eggers, WA9NEW*

### TRAFFIC TOPICS

The series of 'NEWLINE columns on emergency communications which ran in the Feb-June issues brought some response and resulted in the more detailed comments on routine traffic handling that ran in the July-Dec issues. The original five pieces may yet see a wider audience. One last comment came in just the other day. It was a request on how to run traffic on packet. That may be forthcoming.

### ARES

By the time this issue makes the newstands across the Triangle, some of you will have received the first ARES call-up roster that's been published in something close to three years. I delayed finishing it until several weeks after the ARES column appeared in the November issue. I thought I might get SOME response to that piece. Total telephone call count: ZIP!

That's OK. I don't have near as much of a problem with hams who don't want to help at all as I do with hams who want to have their name on the list, make promises, and then do nothing. And a BIG tip of 'NEWLINE cap to all the RARS members who are on the list. (But I'm NOT the EC. At this writing, the job's still open.)

### REPEATER COURTESY

It was a dark and stormy night. A ham was being talked in to a destination through some strange territory. At a convenient break in a round table QSO, he called the talk-in station. The talk-in station was on an HT with a rubber duck. The talk-in station tried three times to respond to the driver's call and got "walked-on" three times in a row. Now folks, that's not nice!

The absence of a courtesy tone on that repeater is irrelevant. All operators on the repeater at the time knew the calling station was being talked-in over strange roads on a bad weather night. The driver didn't issue a general call for information, he called a specific station. Why would ANY ham intentionaly key down on any talk-in station, let alone on a fellow RARS member? I know my Momma taught me better manners!

Why do I seem to be ticked-off about this? I was the talk-in station! (It happened at approximately 6 PM on the evening of Wednesday, November 22, on the 147.15 repeater.)

# Dumpster Diving

## Latest Ham Activity?!

I have been seeing more and more references to "dumpster diving" in ham literature lately. Not being too swift on the uptake, I couldn't figure out at first what they were talking about.

Finally I realized they were referring to dragging discarded computers, TV's and radios out of these big dumpsters you see around in alleys and behind apartments nowadays. We've got one in our condo basement that comes up pretty near to my chin so I could understand where the "diving" part of the term comes from.

One guy in the QRP Quarterly said he gets most of his radio parts by hanging around swapfests and flea markets until everybody goes home. Then he makes the rounds of the dumpsters to drag out all the goodies that nobody bought and the owners didn't want to haul home again.

Come to think of it, I used to do a little dumpster diving myself when I had my own printing press in my basement. There were a couple of nearby Insty Print shops in the neighborhood whose dumpsters I raided regularly to retrieve odd lots of paper they threw out.

I don't know, maybe the younger guys are agile enough to crawl into one of these big dumpsters and get back out again, but I sure couldn't anymore. Maybe I'll get an old broomstick someplace, fasten a stout wire hook on the ends, and start making the rounds again! **Bob, W0HK**

***Tnx, St. Paul (MN) Radio Club's "Groundwave," KB0BSR, Ed.***

(Ed. Note: Anybody for a RARS "D-D" SIG??!)

# Call Sign Mugs

Your amateur radio call sign on a 10 oz. distinctive, high quality, stoneware coffee mug. Your choice of the ARRL or QCWA logo on the flip side. Get one for the shack and one for the work place. Mug pairs can have the same or different call signs. Coffee mugs are $8.95 each, or two for $15.95. Different call signs allowed. Names added $1.00 extra per cup. Price includes S/H for the continental US and APO.

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# HAM SCRAMBLE

**by wa9new**

Rearrange the letters contained in each of the four two word puzzle clues such that they spell a single word. Then, the proper arrangement of the seven letters which appear in the boxes will spell the answer to the solution clue. (HINT: All four "puzzle" words are related to Amateur Radio and appear in the index of common ARRL publications.)

PUZZLE CLUES:

```
1.  OMNI CAR | |_| | | | |_| |

2.  REAL NEAT|_| | | | | | |_| |

3.  GAVE BEER| |_| | | | |_| | |

4.  NOW DIM  | | |_| | | | |
```

SOLUTION CLUE:

```
Every ham should        _ _ _ _ _ _ _
have at least one:     |_|_|_|_|_|_|_|
```

## Prize!!

The first RARS member who submits a correct and complete solution to WA9NEW showing all five words will receive one of the things "Every ham should have at least one of" !!

# SALE:

**ALINCO ALR-22T**

2 meter, 25 watt mobile, w/ tone pad. Just one year old. Small package (5.5" x 1.5" x 6.5"). Excellent condx. $275. Chet Rataski, KB4LAF, @ 847-1122

**Amateur Radio -- A National Resource**

**Raleigh Amateur Radio Society, Inc.**

P.O. Box 17124
Raleigh, NC 27619

**Next RARS Meeting: Wednesday, Jan. 3, 7:30 PM**
**Raleigh YMCA , 1601 Hillsborough St.**
**RARS Nets: Daily @ 8:00 PM on 146.04/64**
**Tuesday, 7:00 PM on 28.364**
**Technical Information Net - Saturday, 8:30 PM on 146.04/64**

# *Events Calendar*

| | | |
|---|---|---|
| **Jan** | **01** | **Happy New Year!** |
| Jan | 03 | Regular RARS Meeting, 7:30 PM, YMCA |
| Jan | 10 | Homebrew SIG Meeting, K4ZAD's QTH, 7:30 PM; 851-2542 |
| Jan | 11 | VHF/UHF SIG Meeting: WA4MJF's QTH, 7:30 PM; 266-4434 |
| Jan | 13 | Amateur Exams, Durham. Contact Pete Goolsby, KY4Y, @ 544-3215 |
| **Jan** | **14** | **HAMFEST!! Richmond VA.** 8:30 AM - 3:30 PM VA State Fair Grounds, Laburnum Ave., Richmond. Talk In 146.88 & 145.43 |
| Jan | 17 | RARS Advisory Board Meeting, 7:30 PM, YMCA. All members welcome. |
| Jan | 30 | 2 Meter Repeater SIG Meeting, 7:30 PM, YMCA. Training Session: "Intro to Repeater Systems" |
| Feb | 07 | RARS Meeting w/ Amateur Exams. Contact AA4MY for pre-registration |